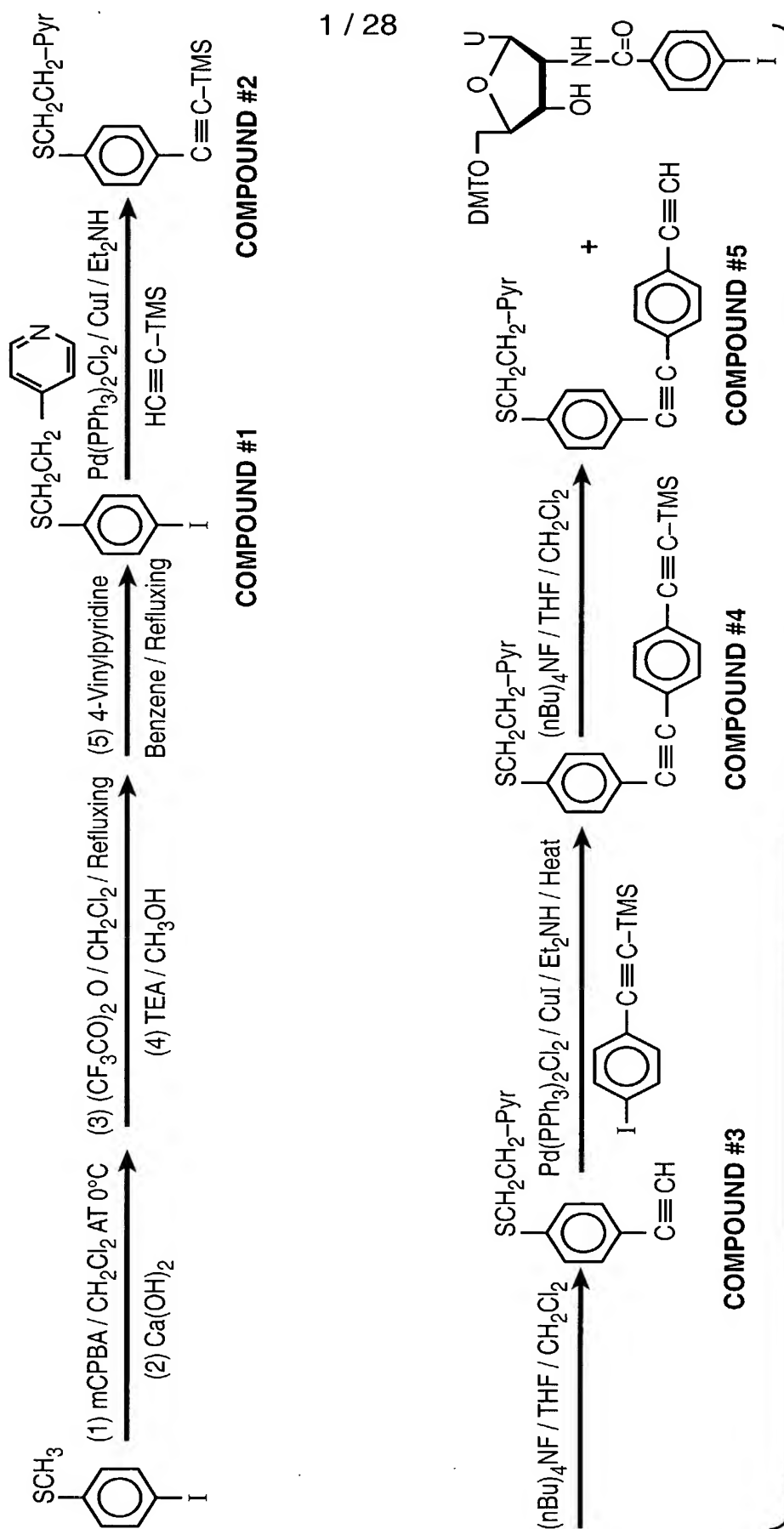


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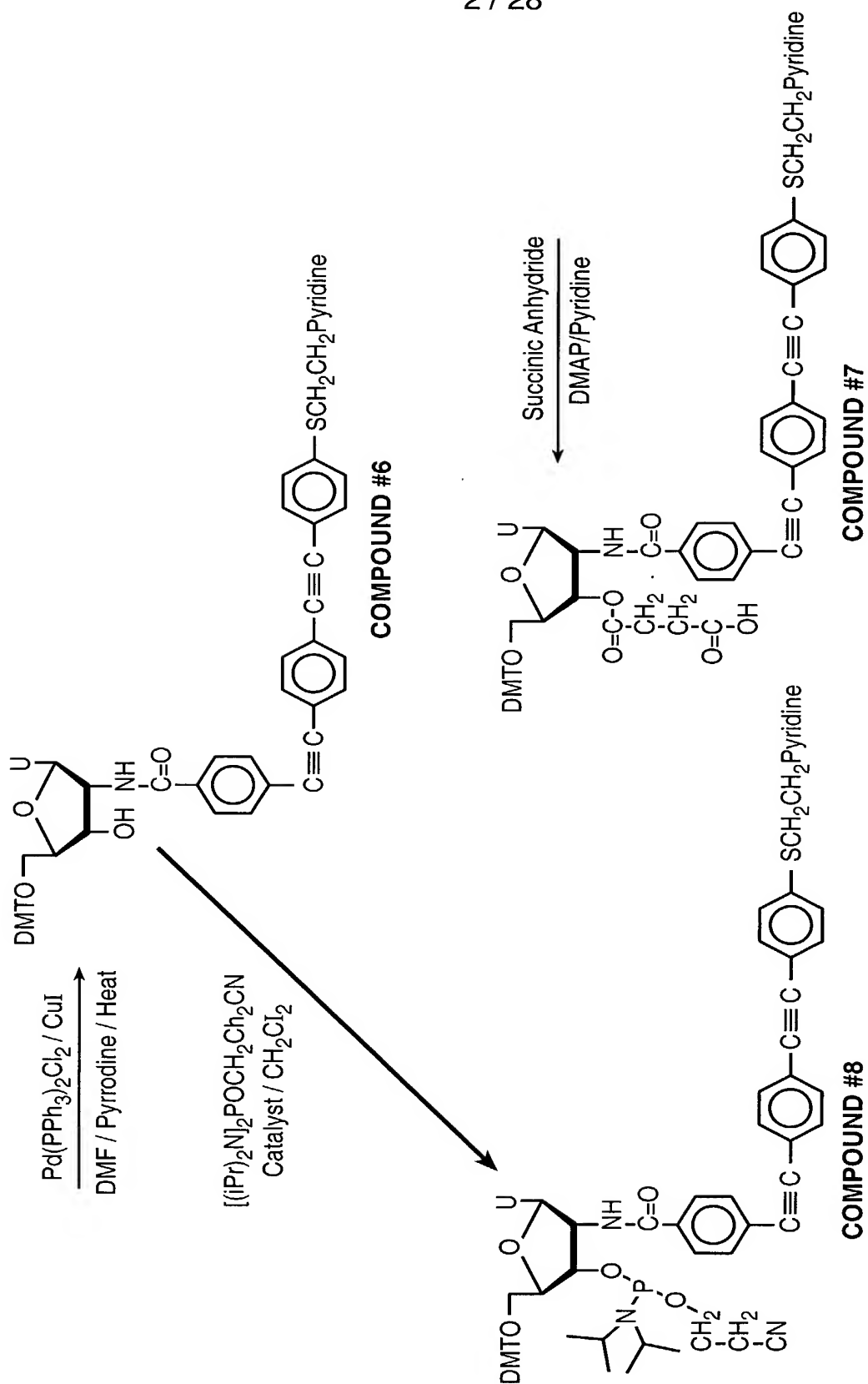


FIG. 1B



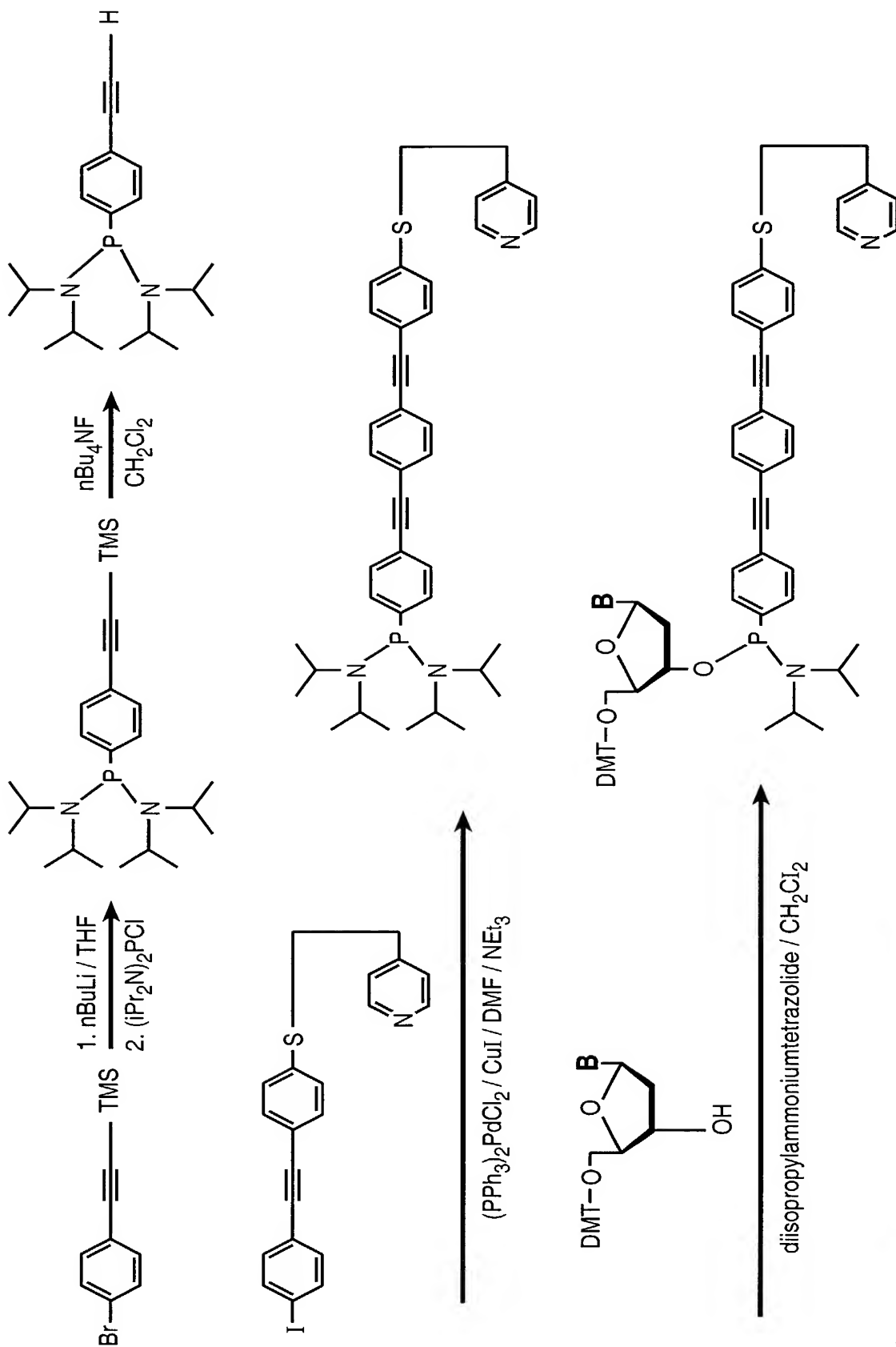


FIG. 4



FIG. 5

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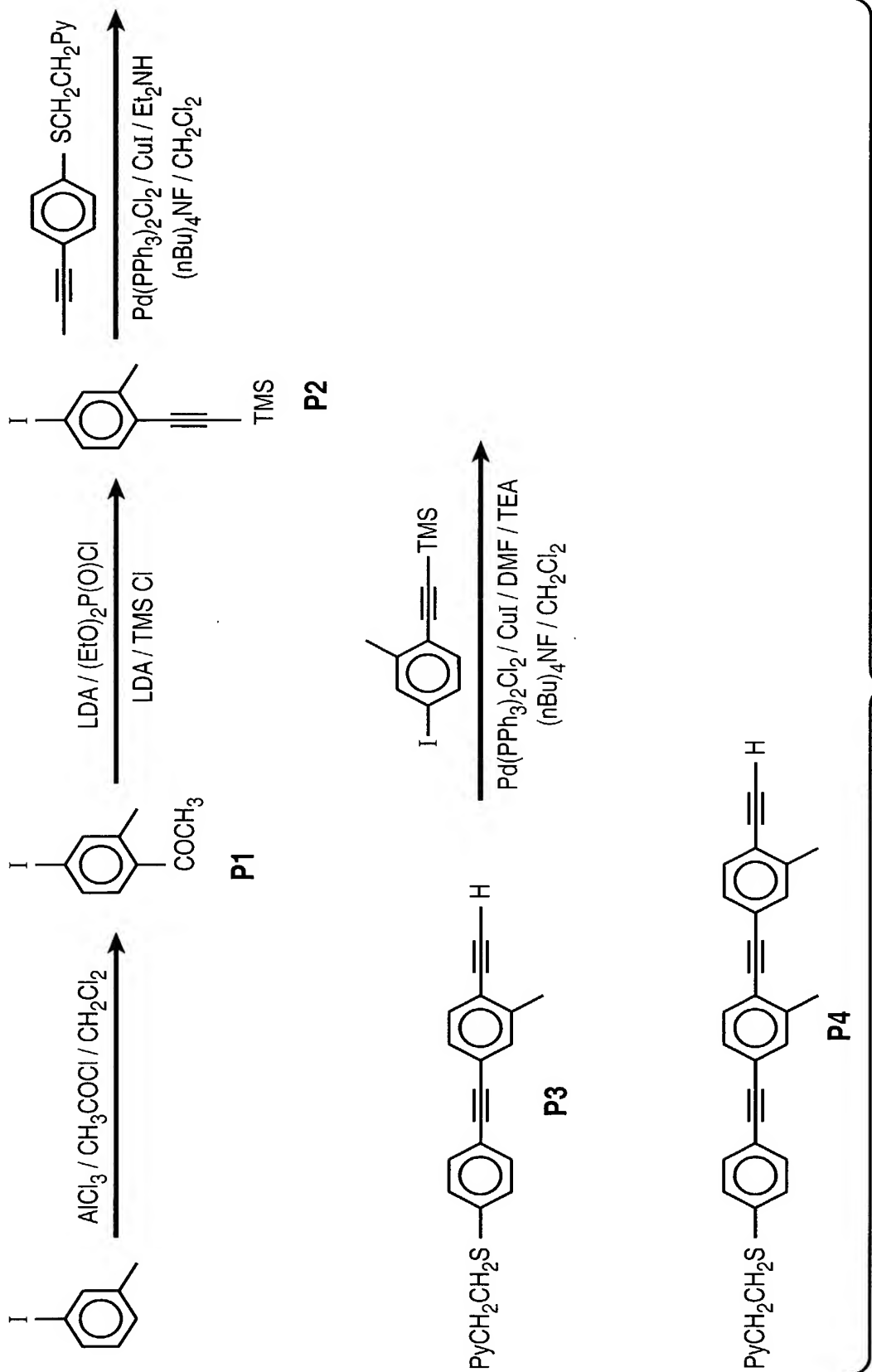


FIG._6

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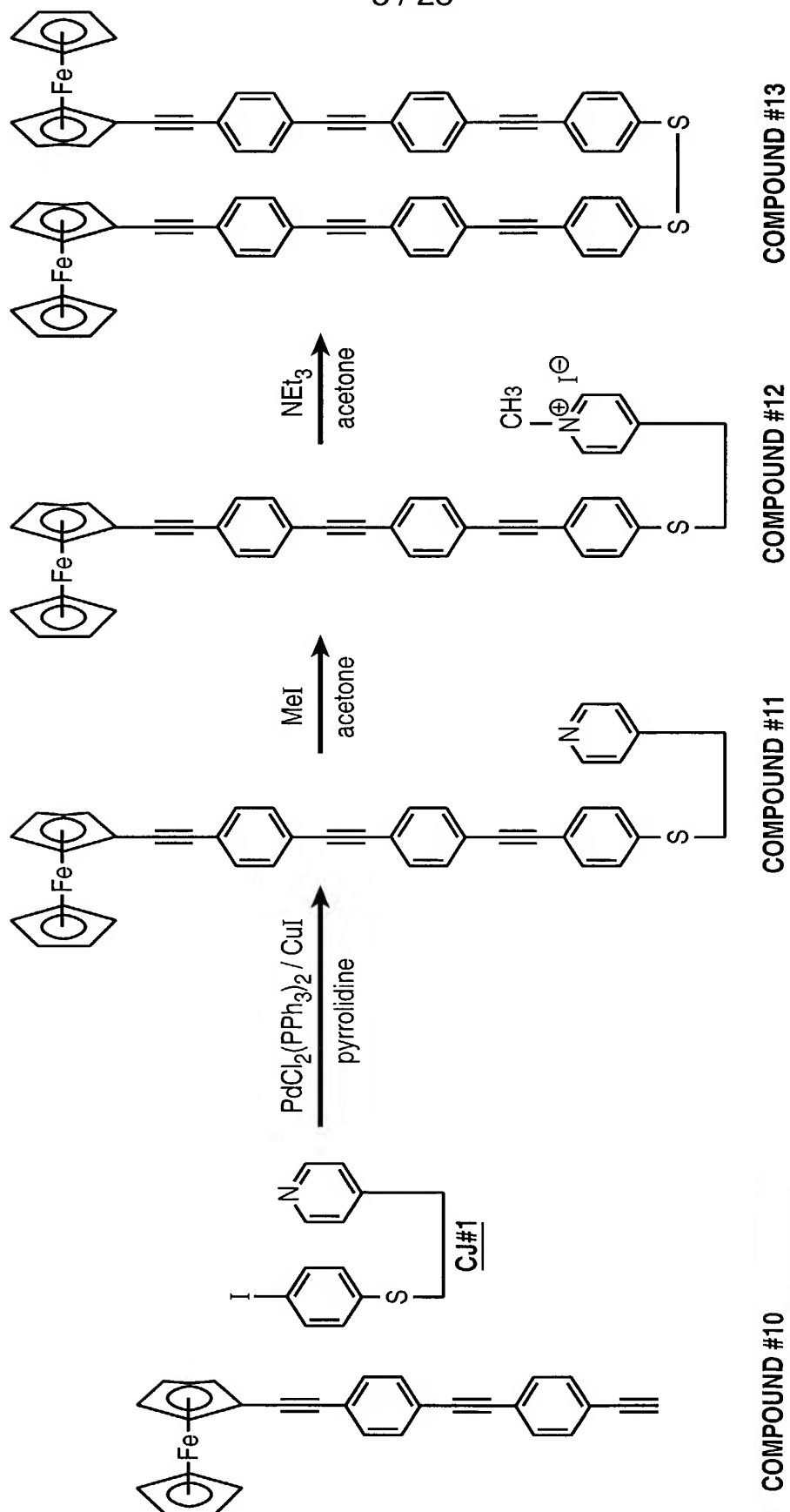


FIG. 7

Figure 1 is a line graph showing the AC Current Amplitude (Y-axis) versus Voltage (X-axis) for four different frequencies: 10 kHz, 1 kHz, 100 Hz, and 10 Hz. The X-axis ranges from 0.2 to 0.6, and the Y-axis ranges from -2.0×10^{-7} to 1.2×10^{-6} .

The graph illustrates that the AC Current Amplitude increases with increasing frequency and voltage, peaking around 0.4 V. The 10 kHz curve shows the highest amplitude, reaching approximately 9.5×10^{-7} at 0.4 V. The 1 kHz curve peaks at approximately 2.5×10^{-7} , the 100 Hz curve at approximately 0.5×10^{-7} , and the 10 Hz curve remains near zero.

Voltage (V)	10 kHz Amplitude (10^{-7})	1 kHz Amplitude (10^{-7})	100 Hz Amplitude (10^{-7})	10 Hz Amplitude (10^{-7})
0.2	0.0	0.0	0.0	0.0
0.3	2.0	0.5	0.1	0.0
0.4	9.5	2.5	0.5	0.0
0.5	2.0	0.5	0.1	0.0
0.6	0.0	0.0	0.0	0.0

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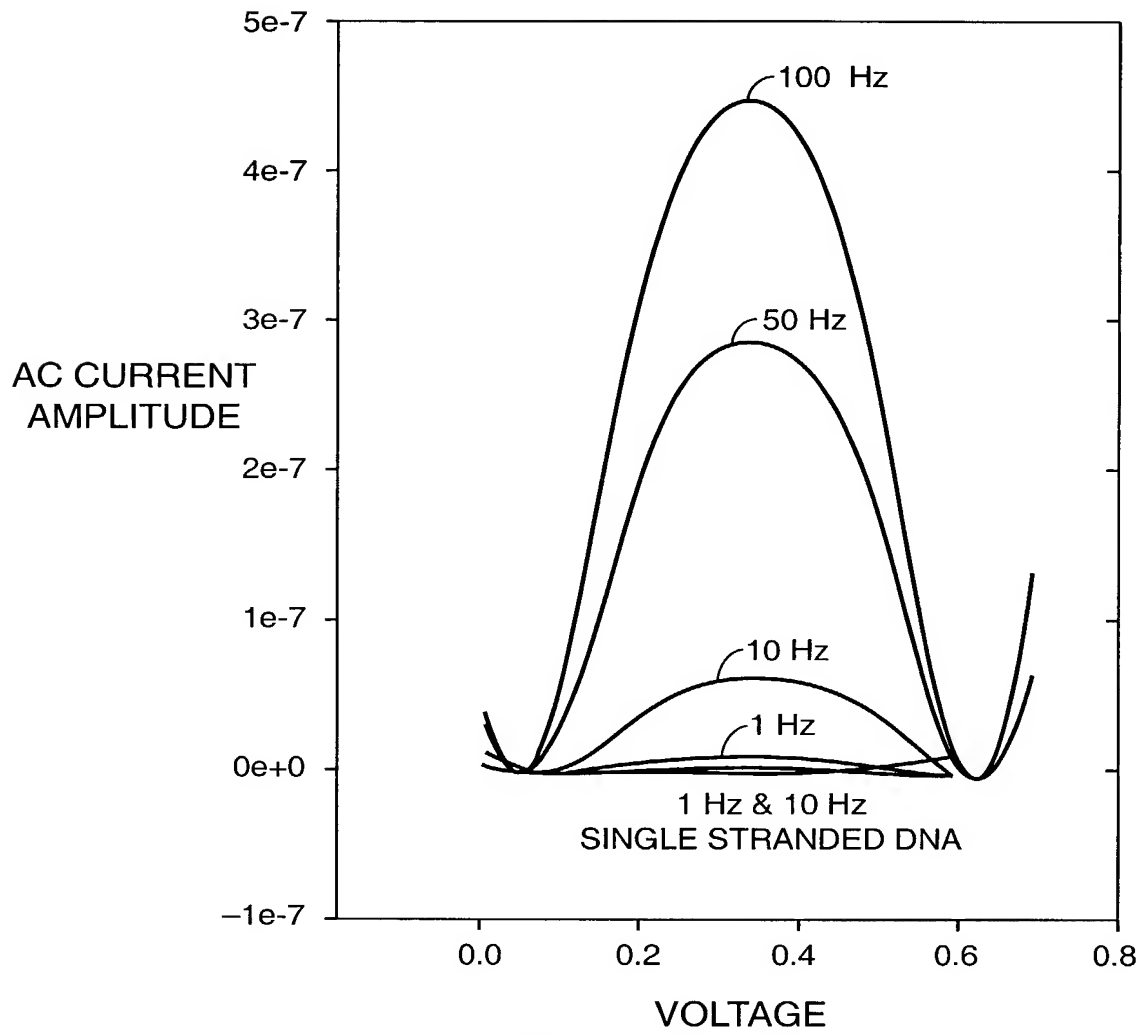
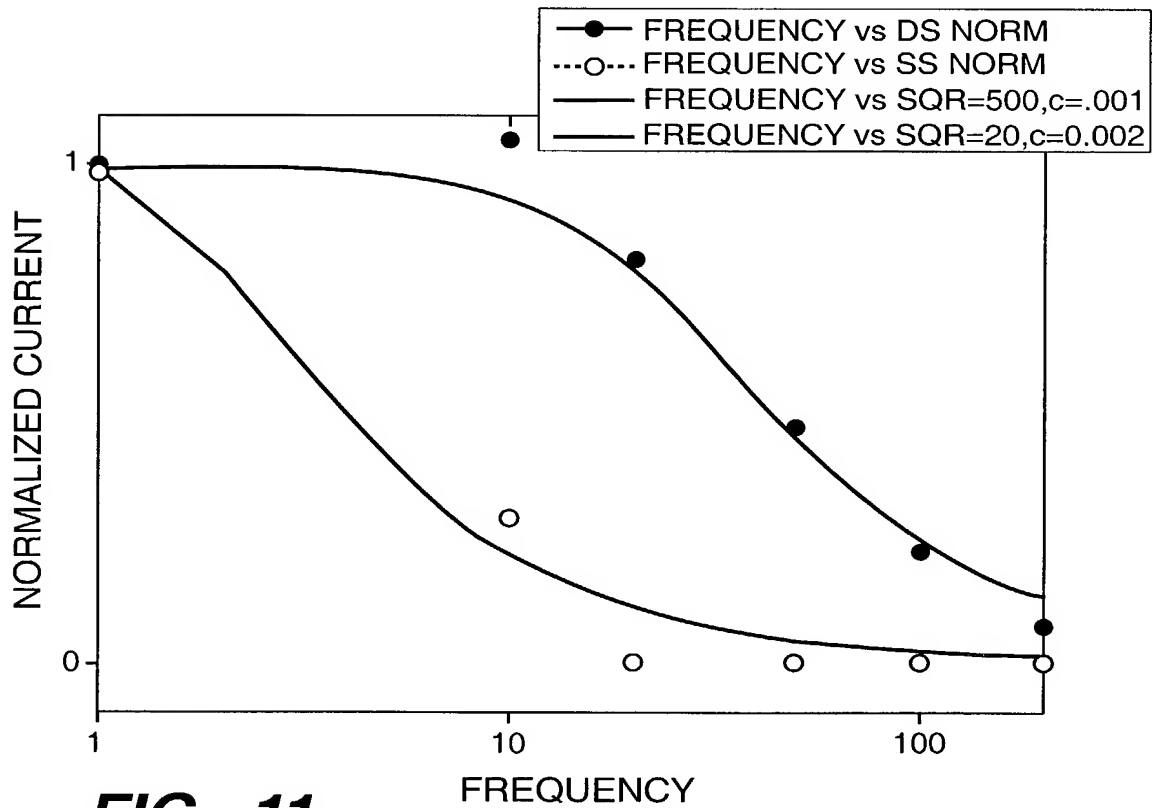
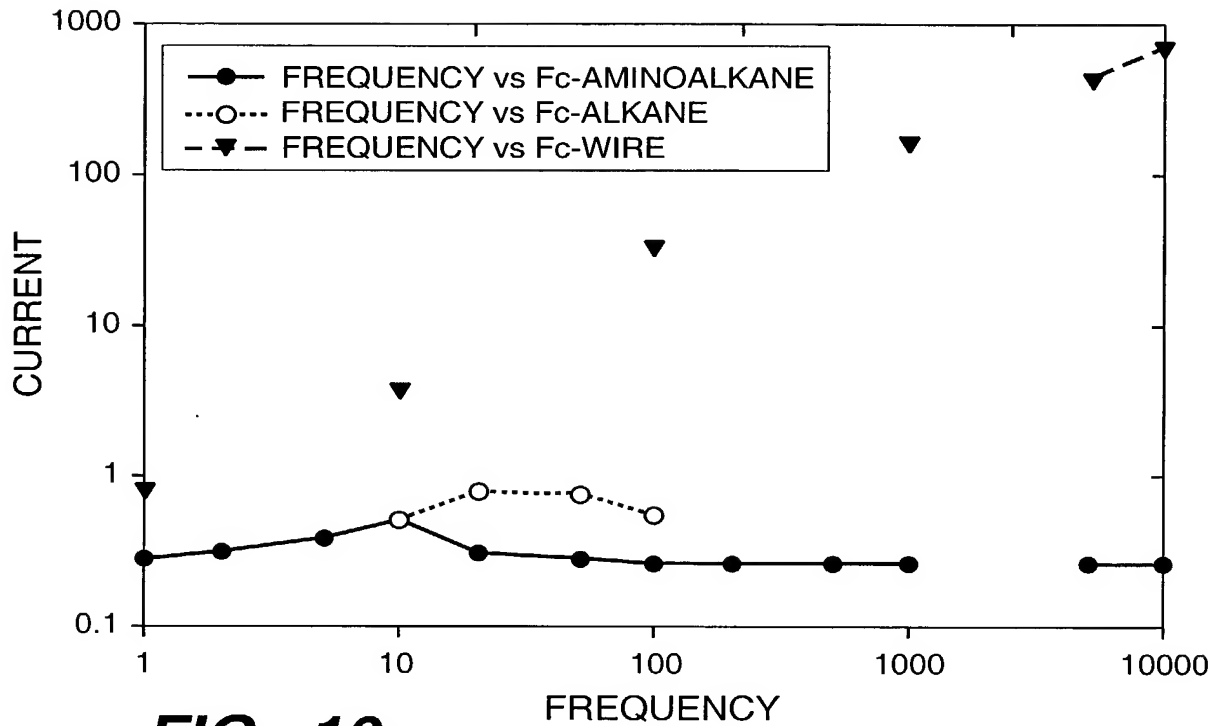
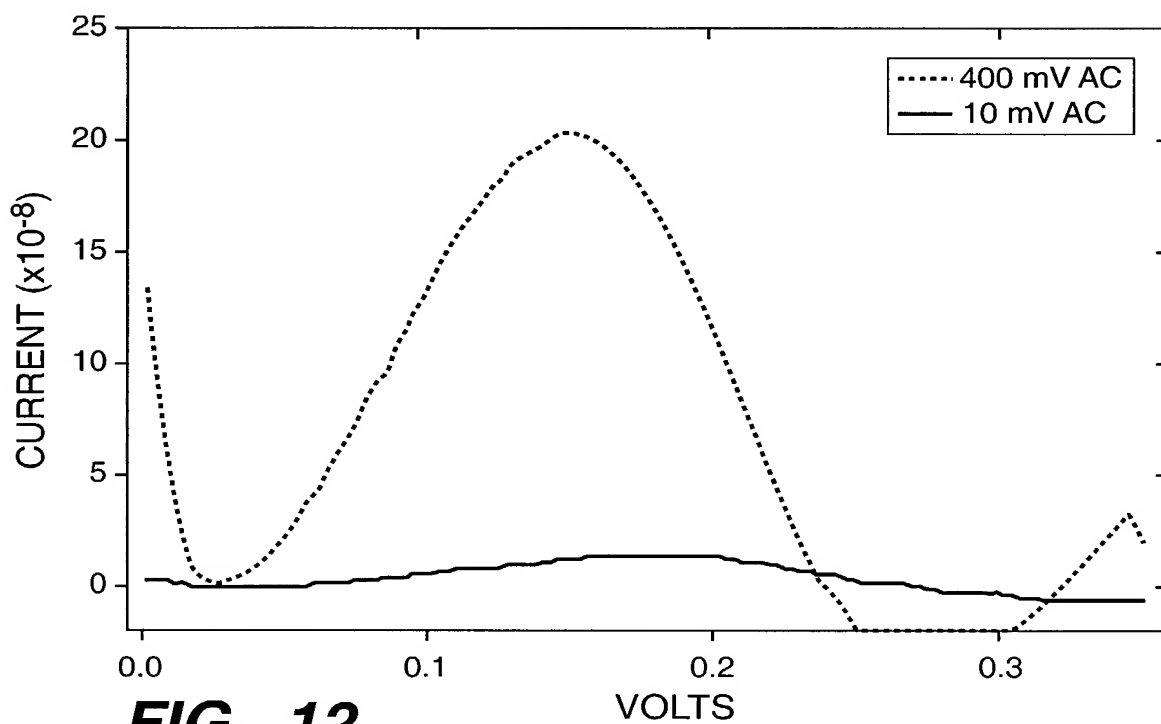
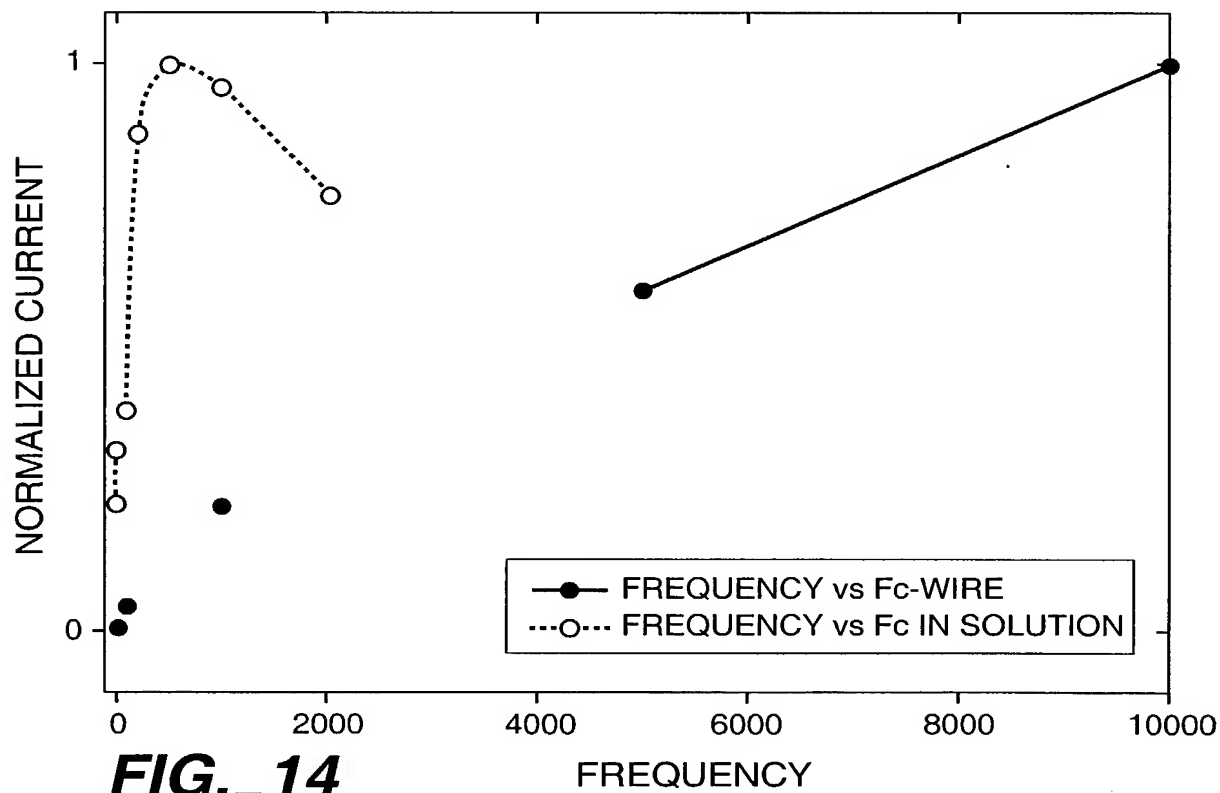


FIG._9B



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**FIG._12****FIG._14**

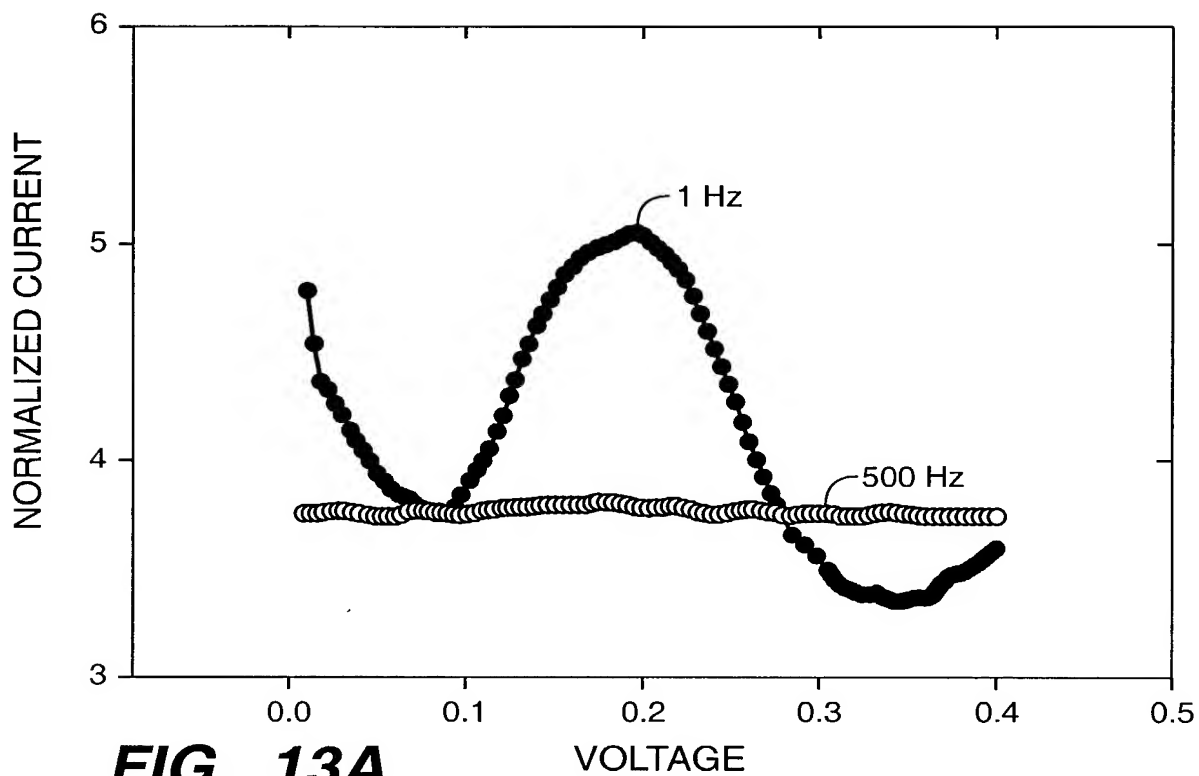


FIG. 13A

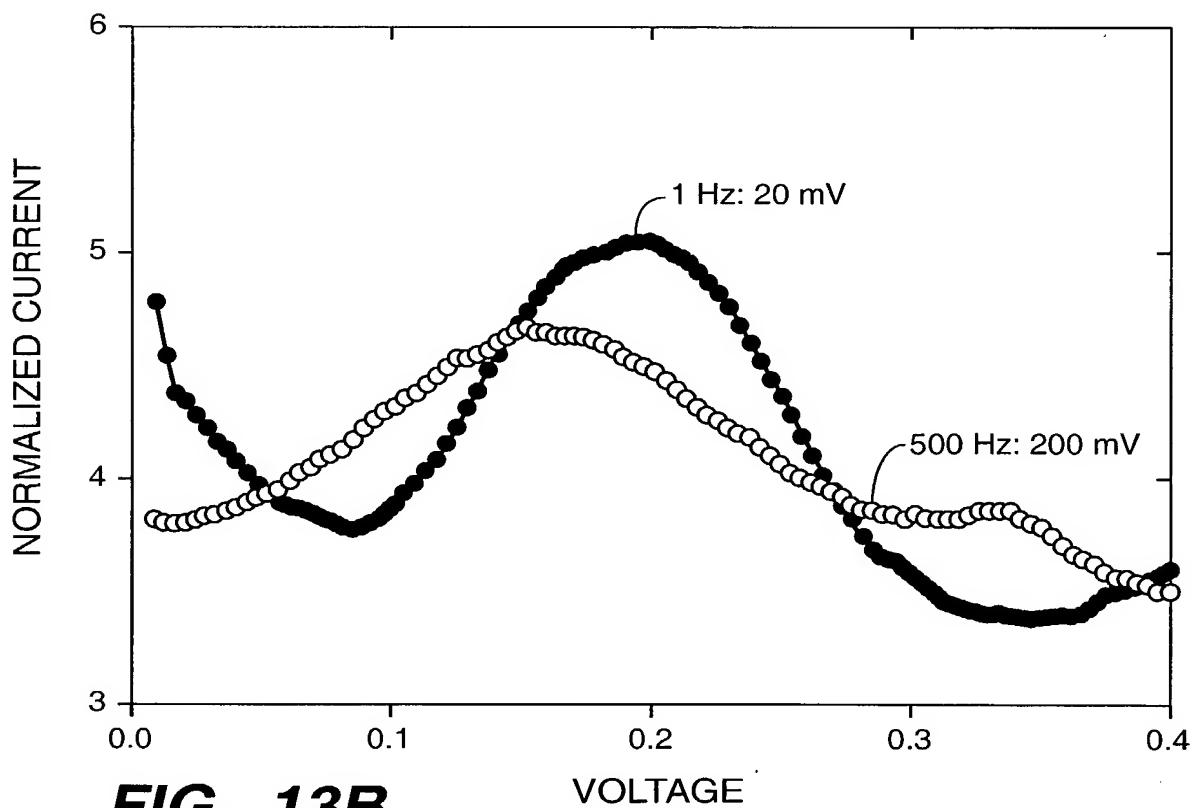
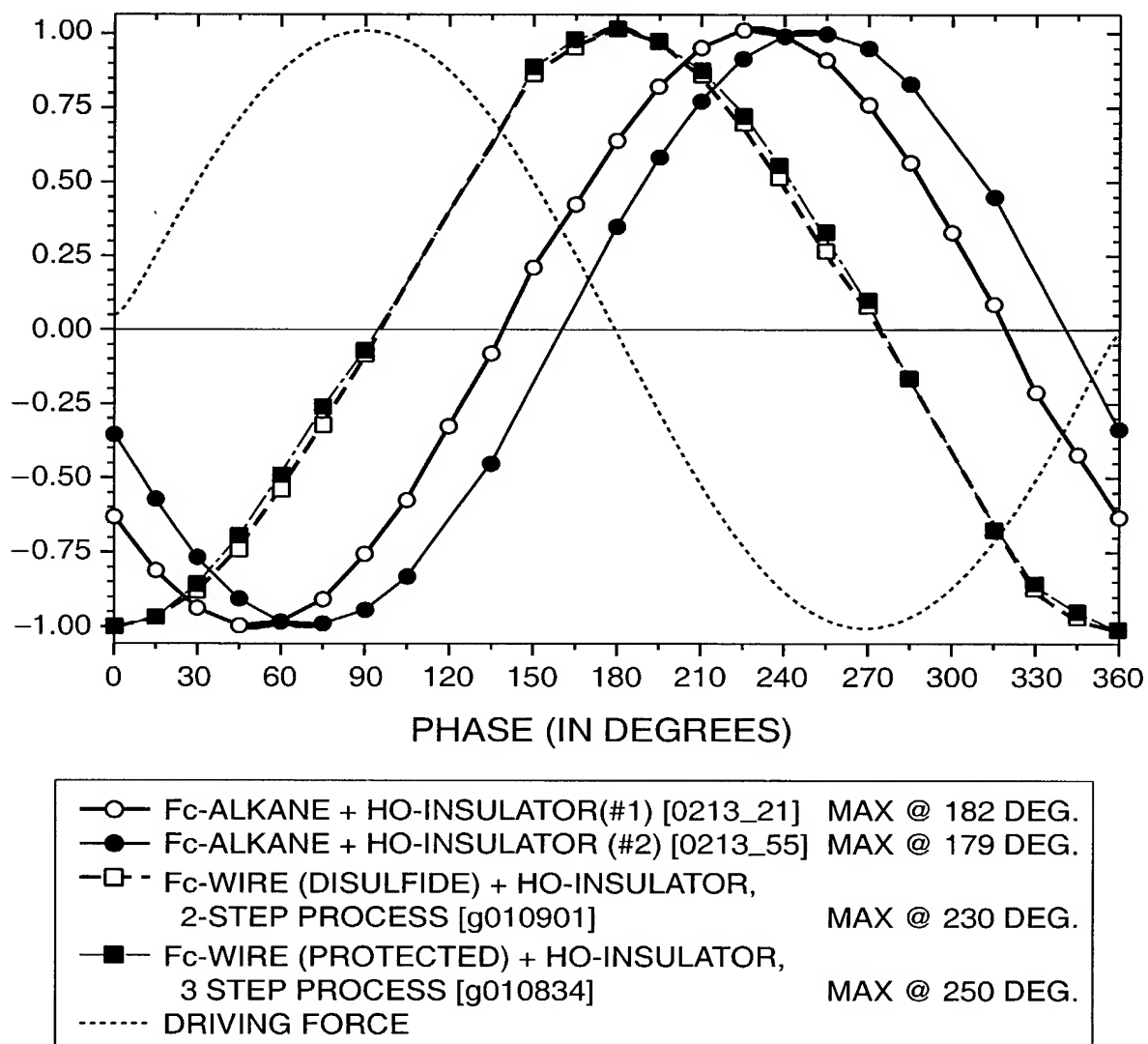


FIG. 13B

**FIG._15A**

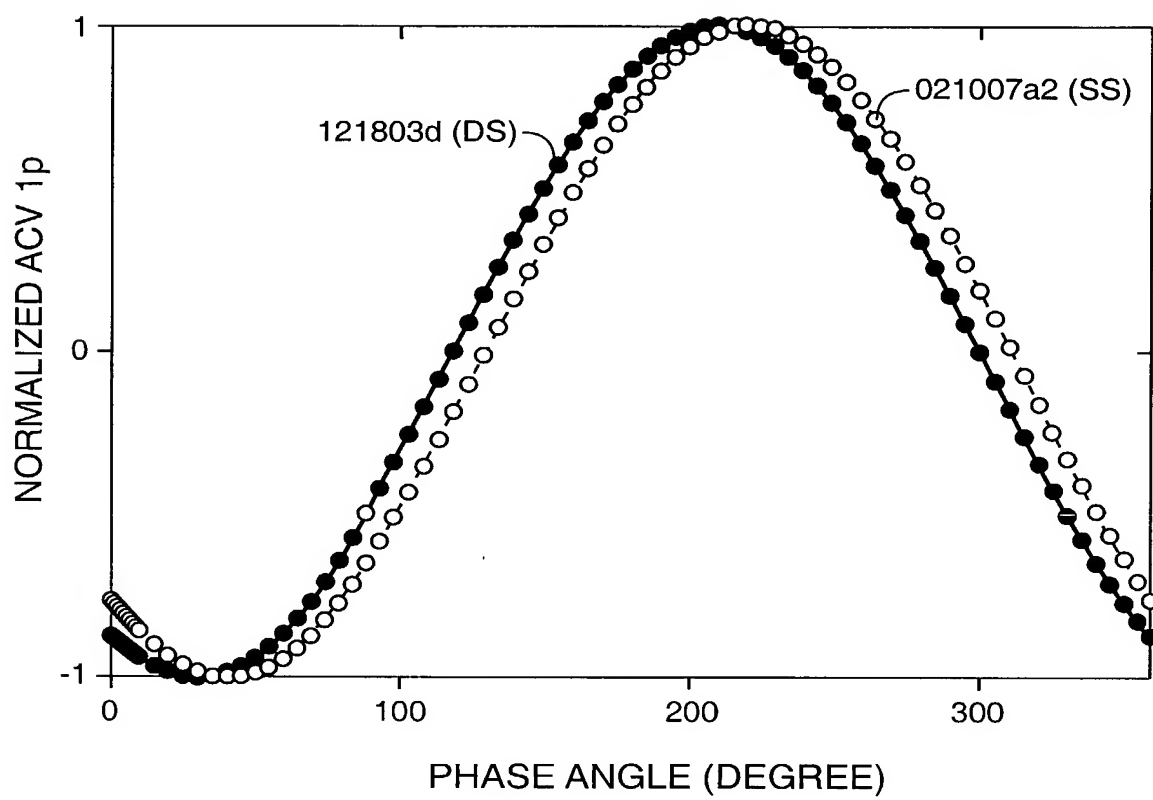


FIG. 15B

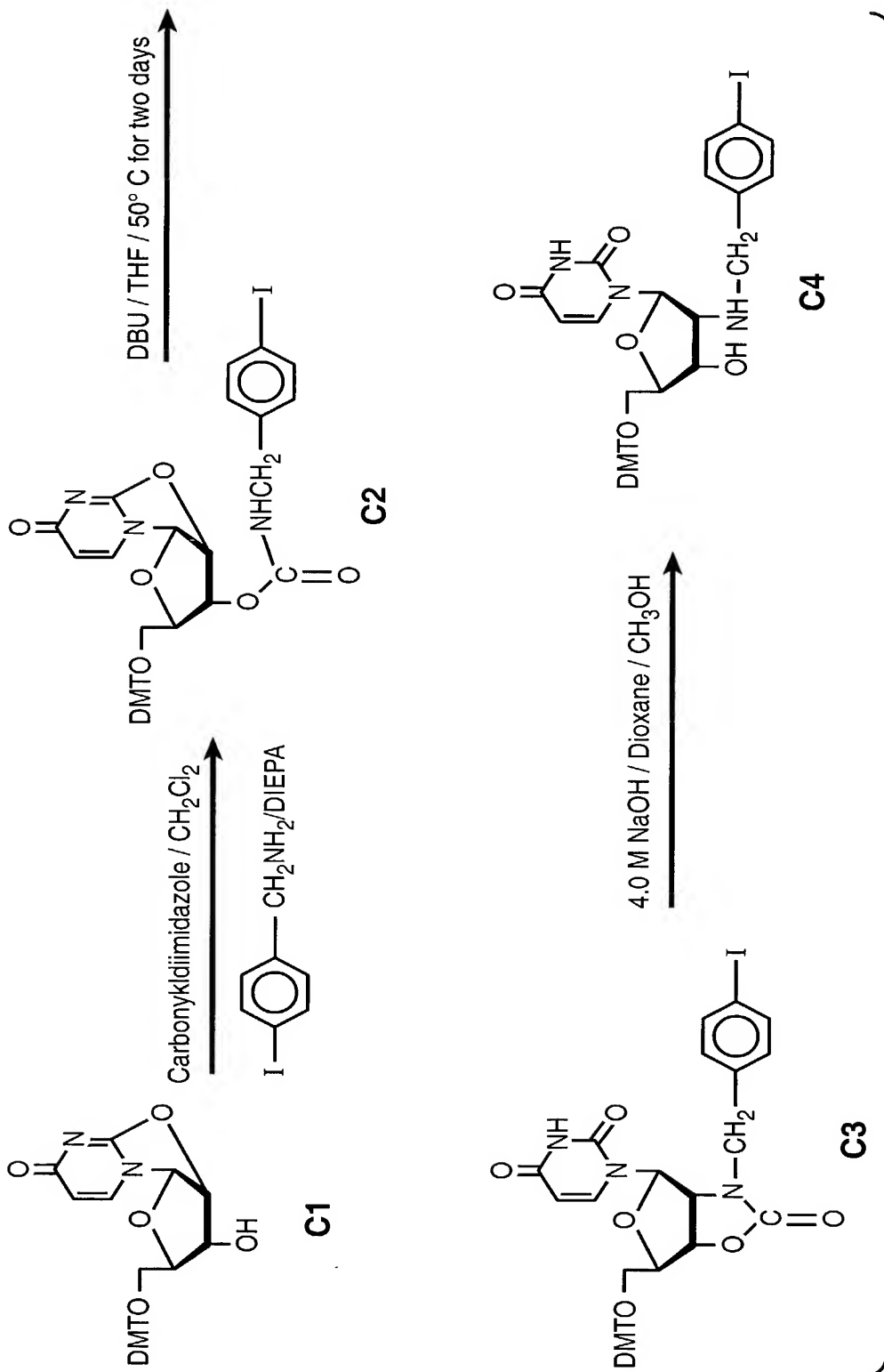
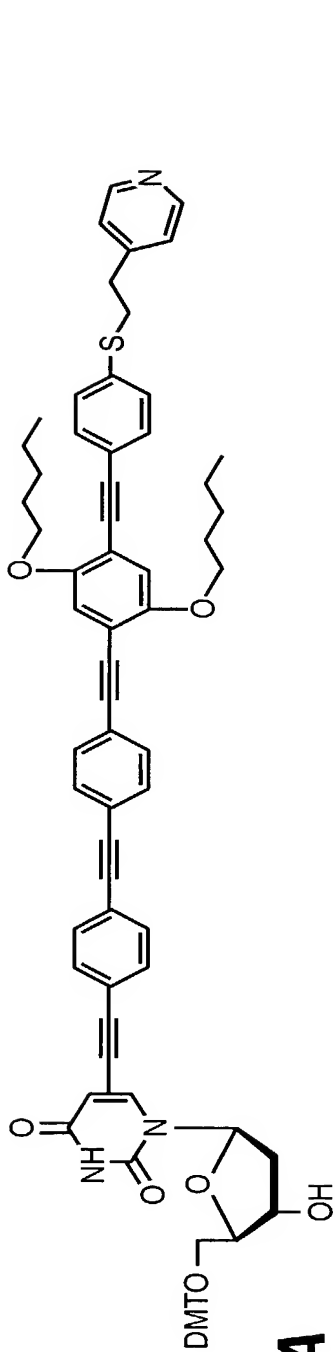
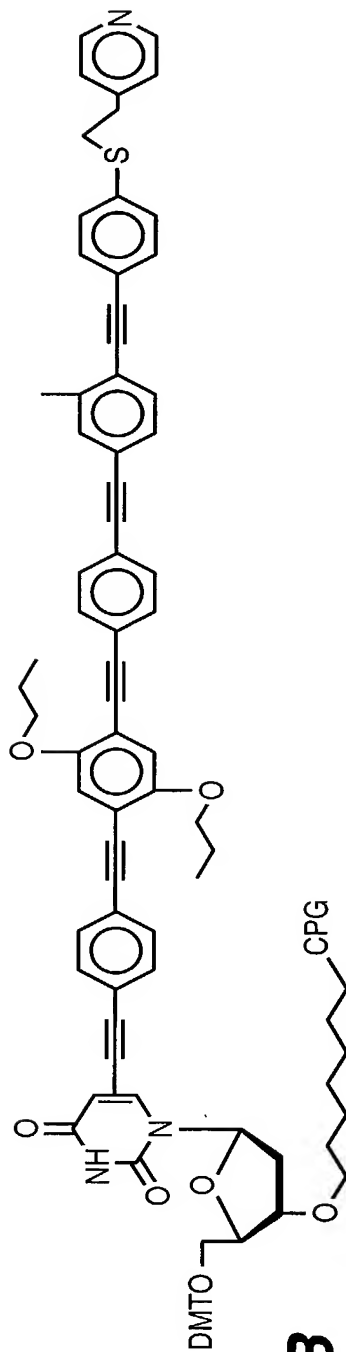
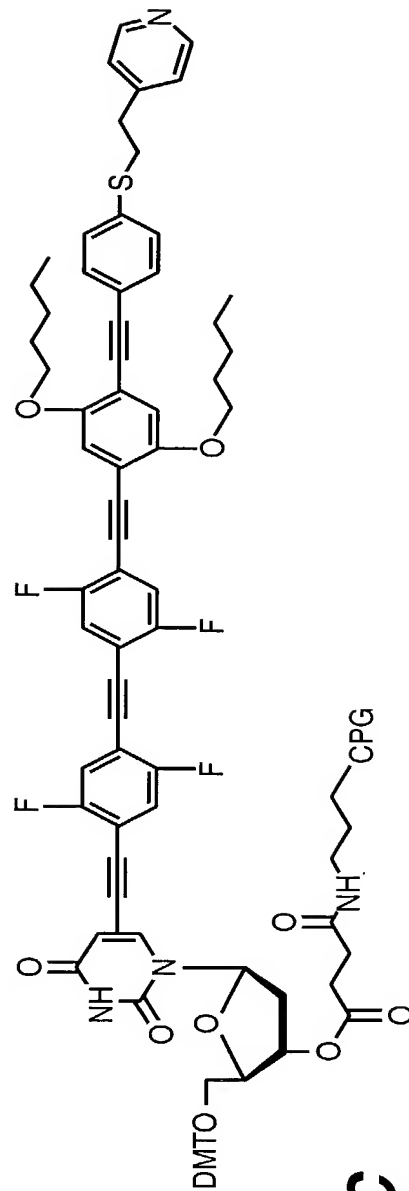


FIG. 16

**FIG. 17A****FIG. 17B****FIG. 17C**

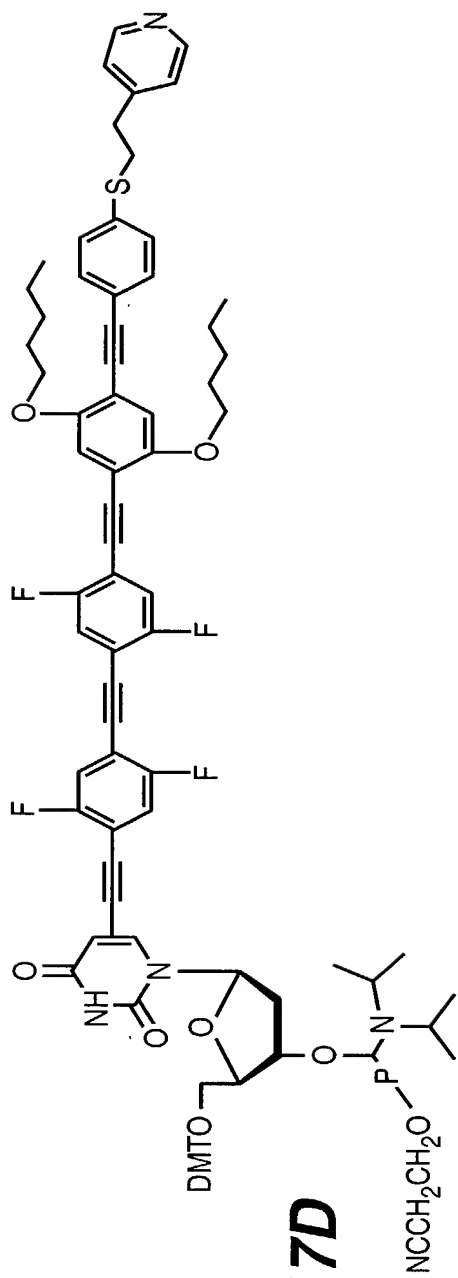


FIG. 17D

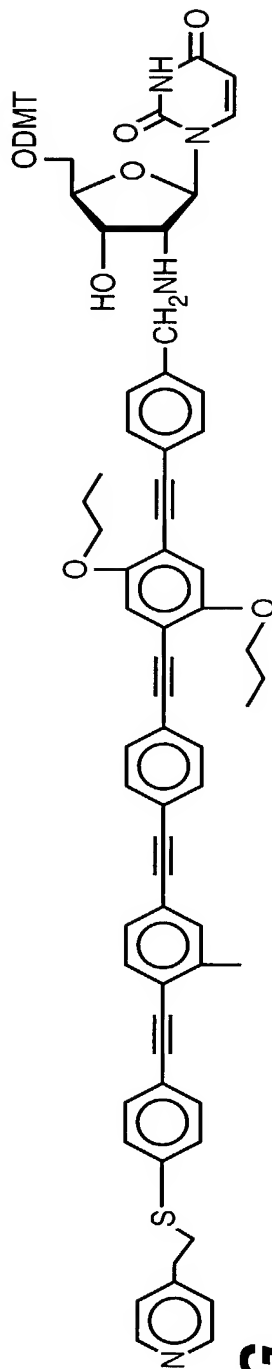


FIG. 17G

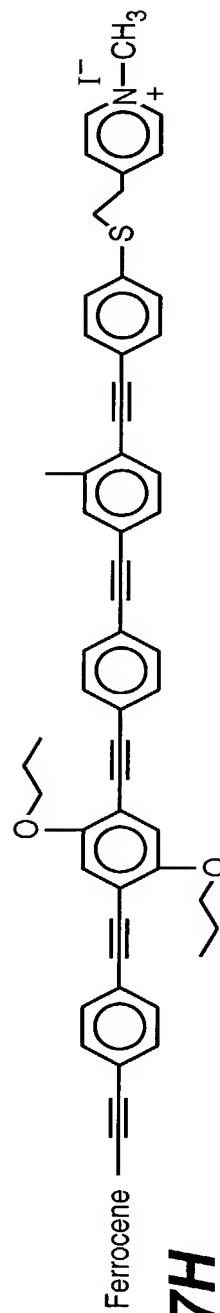
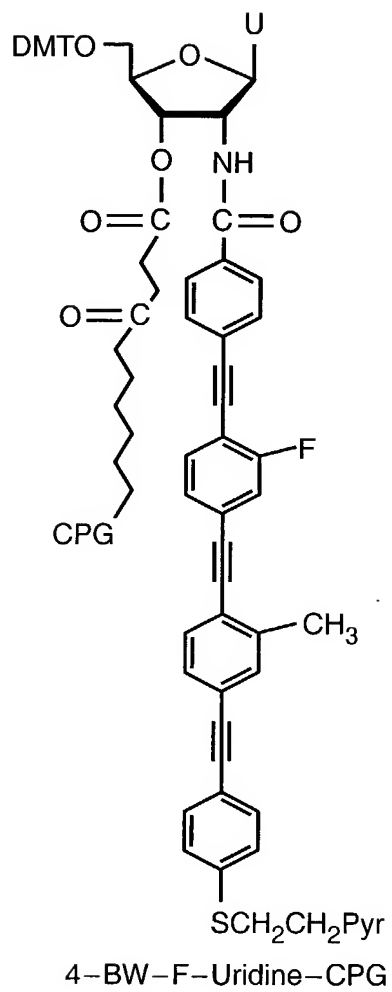
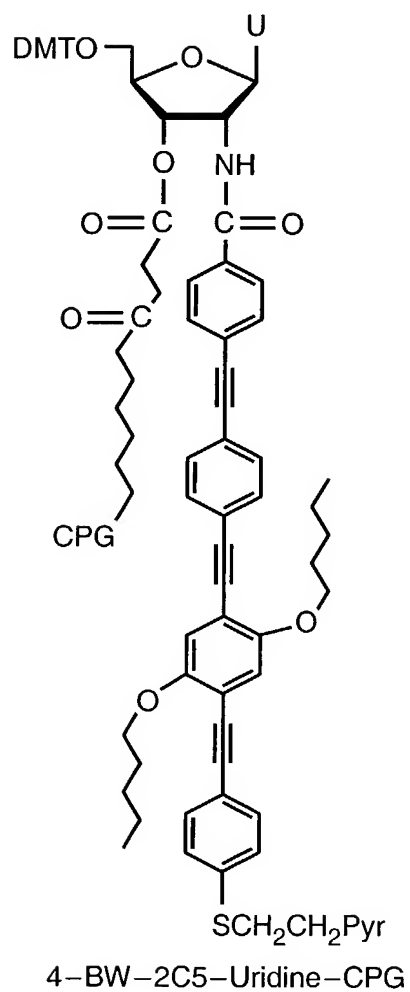


FIG. 17H

**FIG. 17E****FIG. 17F**

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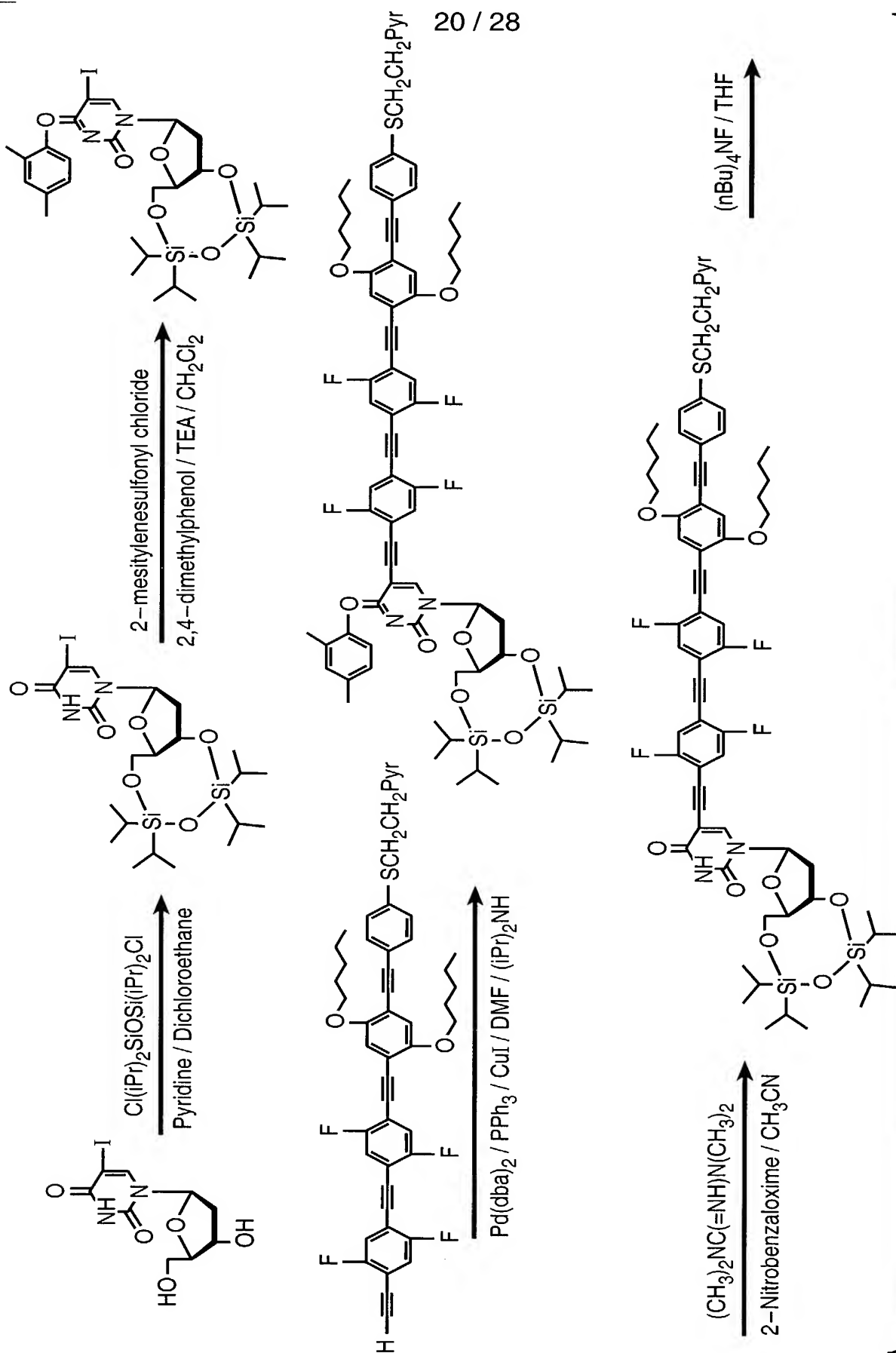


FIG. 18A

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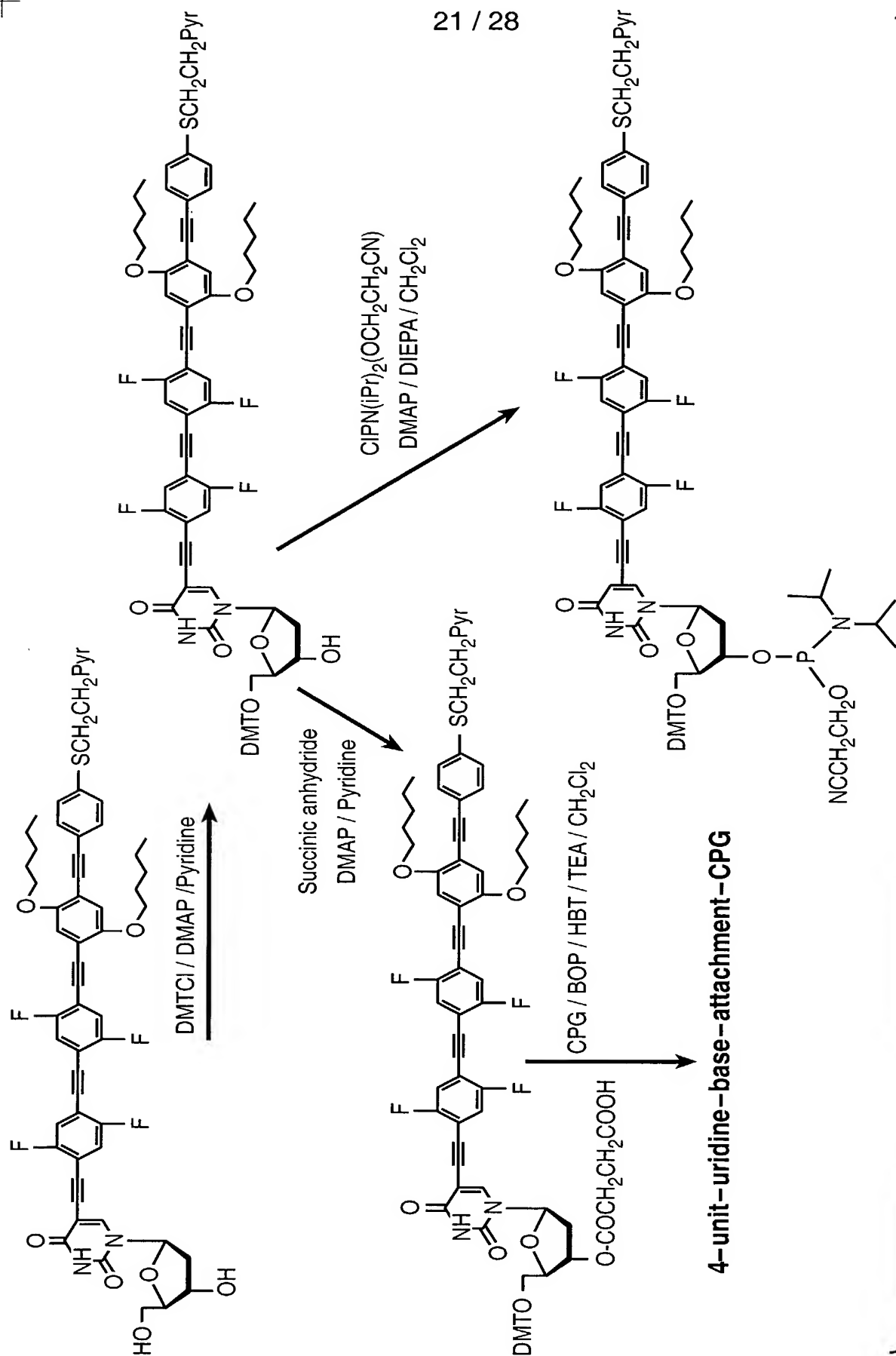


FIG. 18B

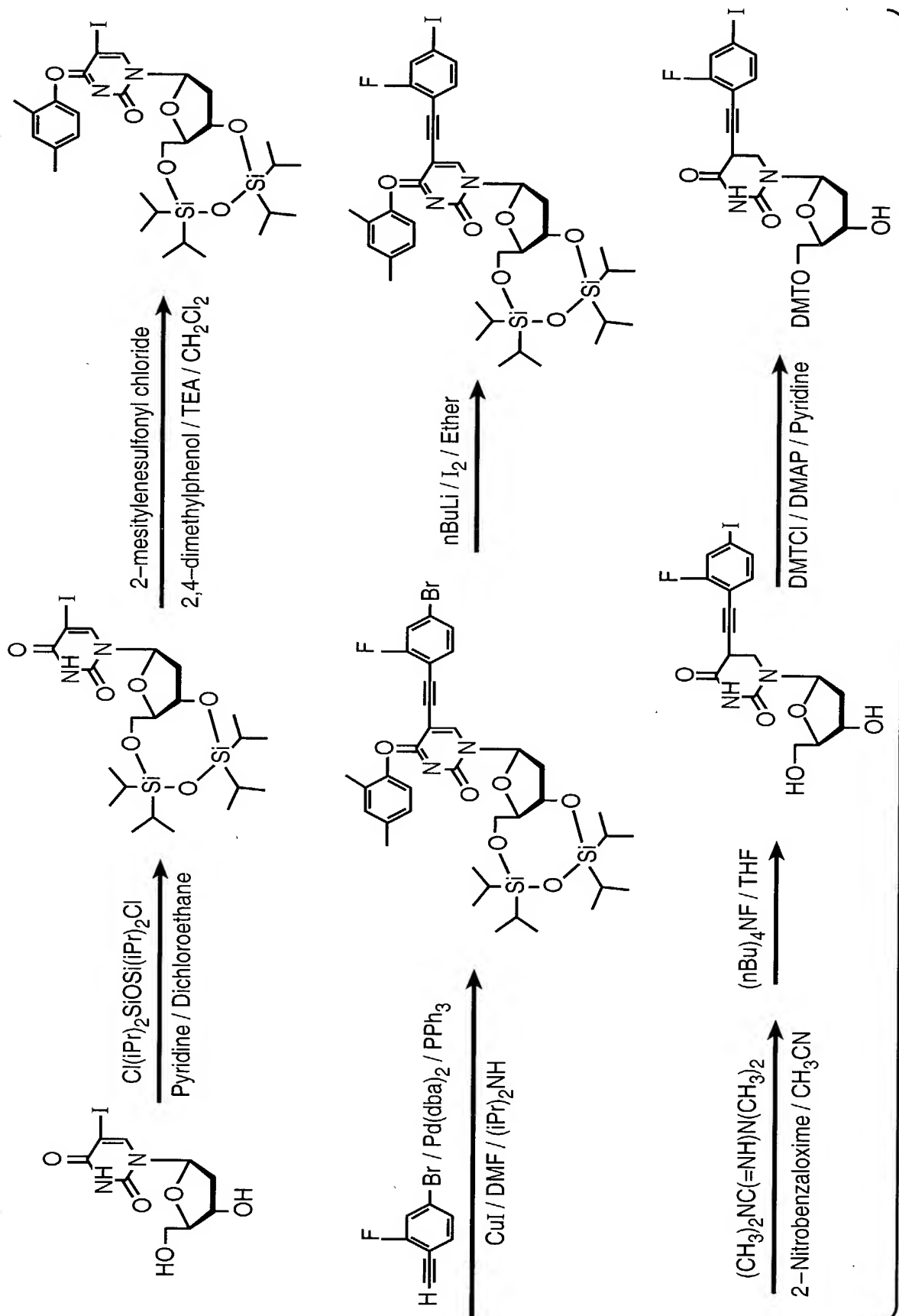


FIG. 19A

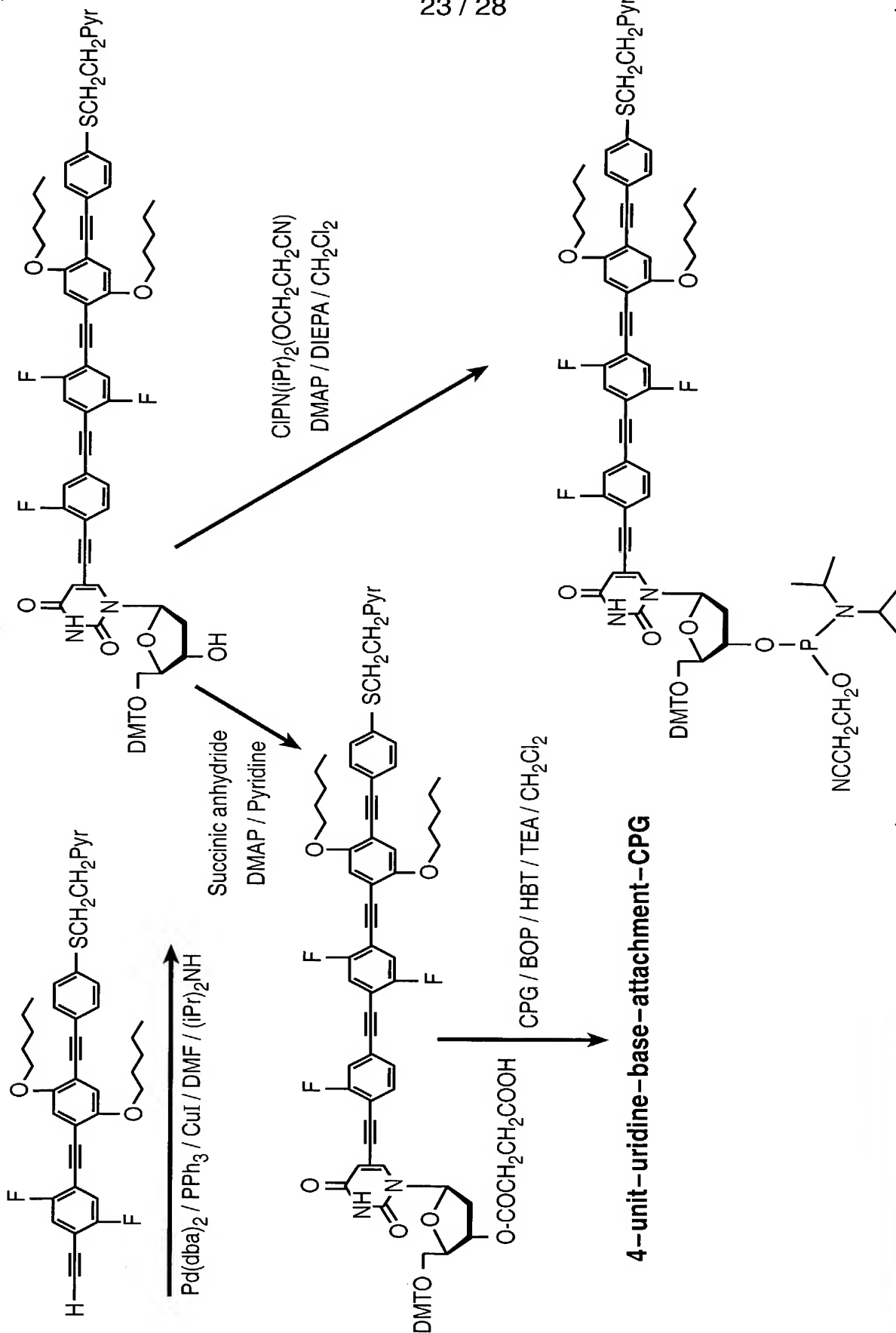


FIG. 19B

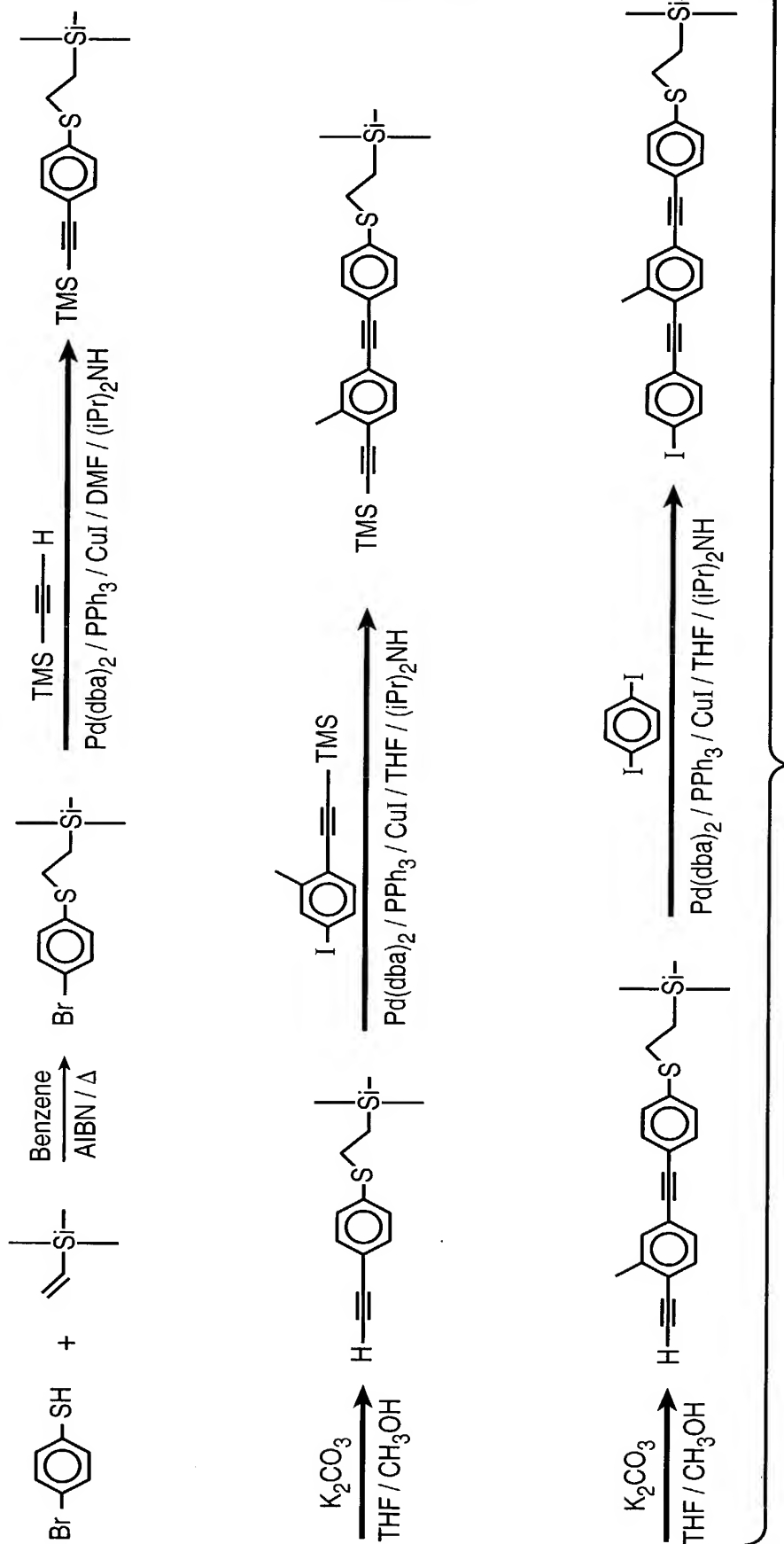


FIG.-20A

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FIG. 20B

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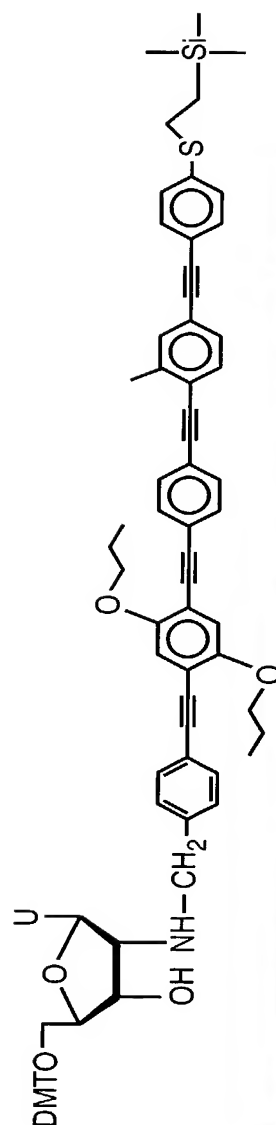
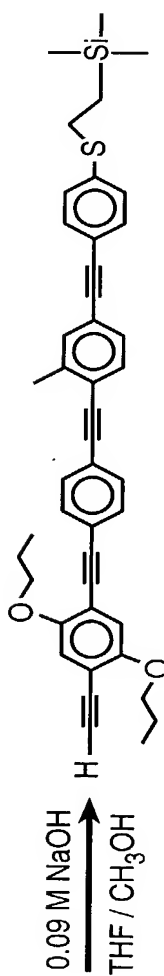
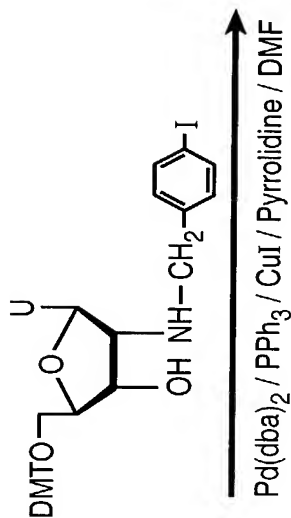
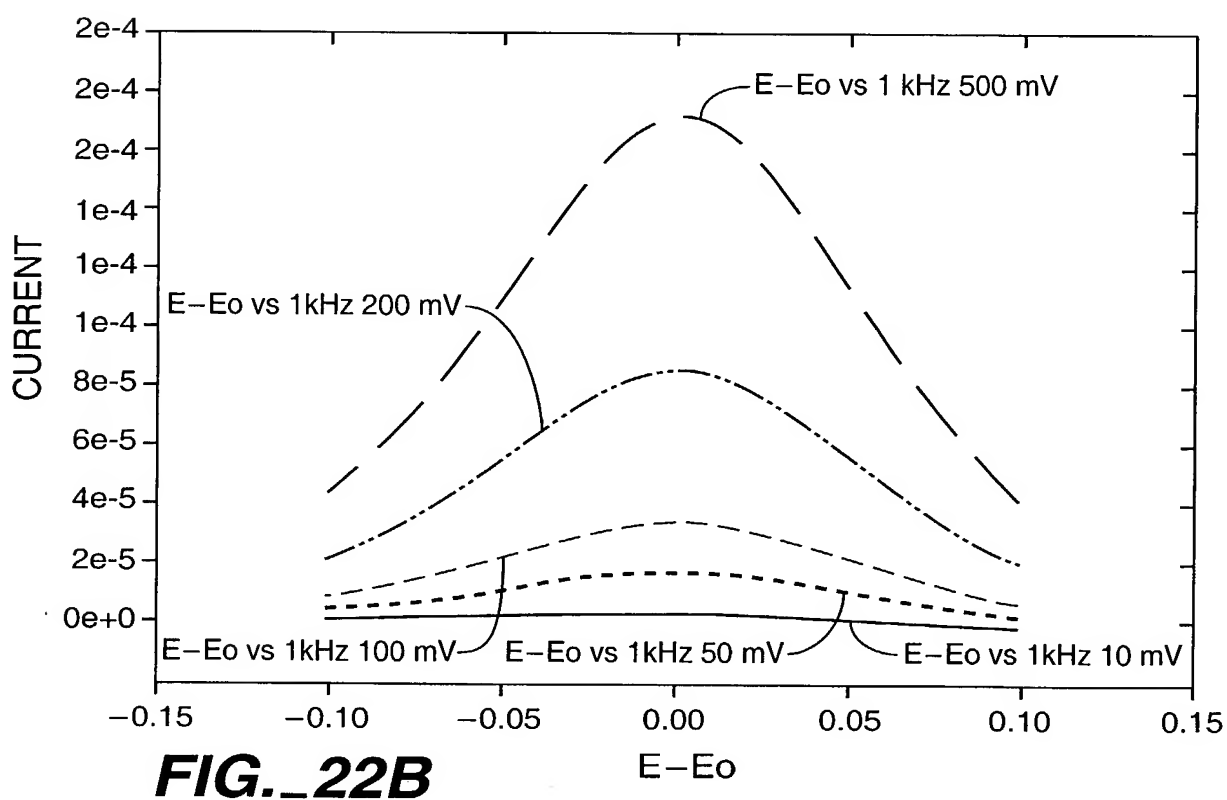
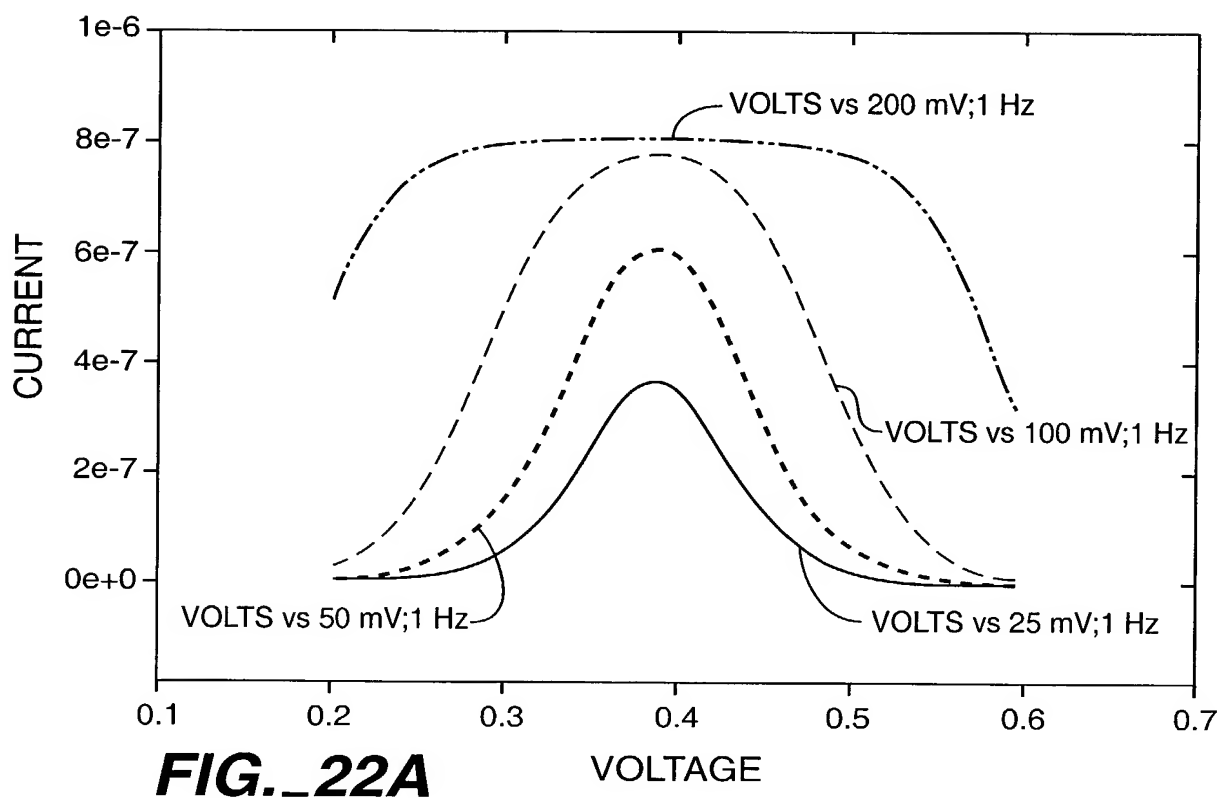


FIG. 21

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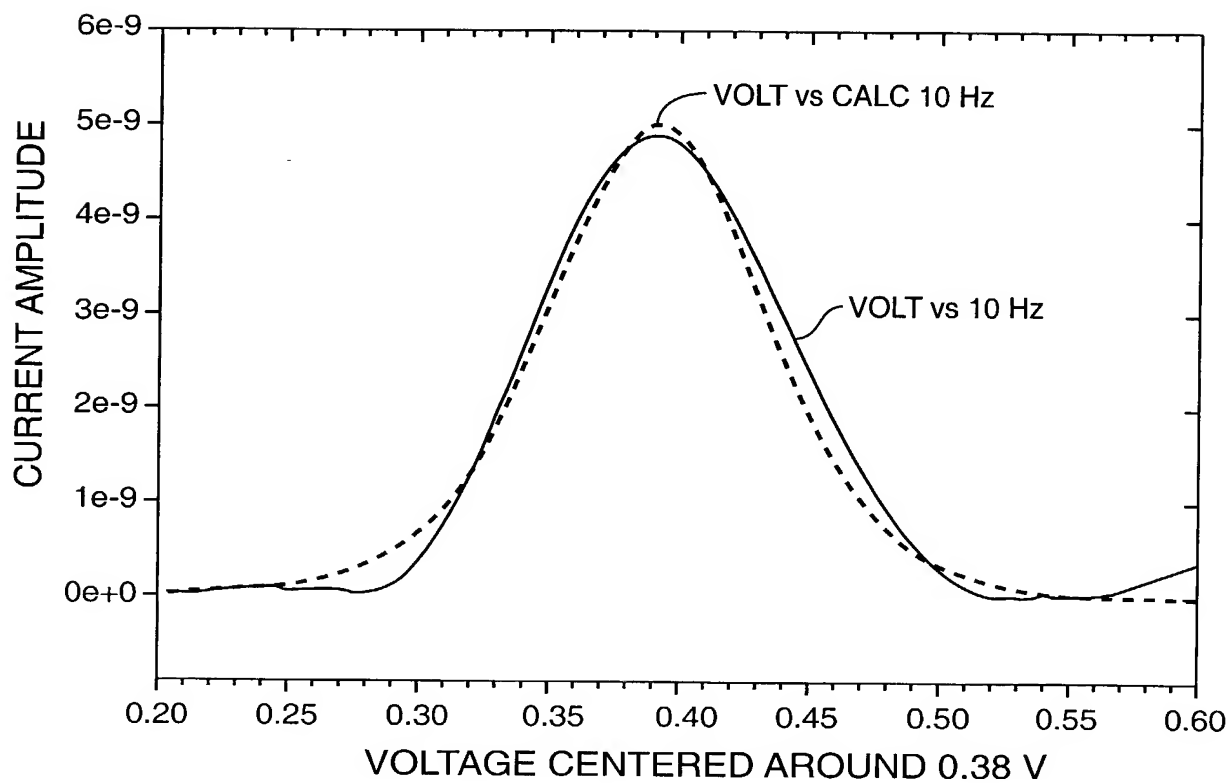


FIG._23A

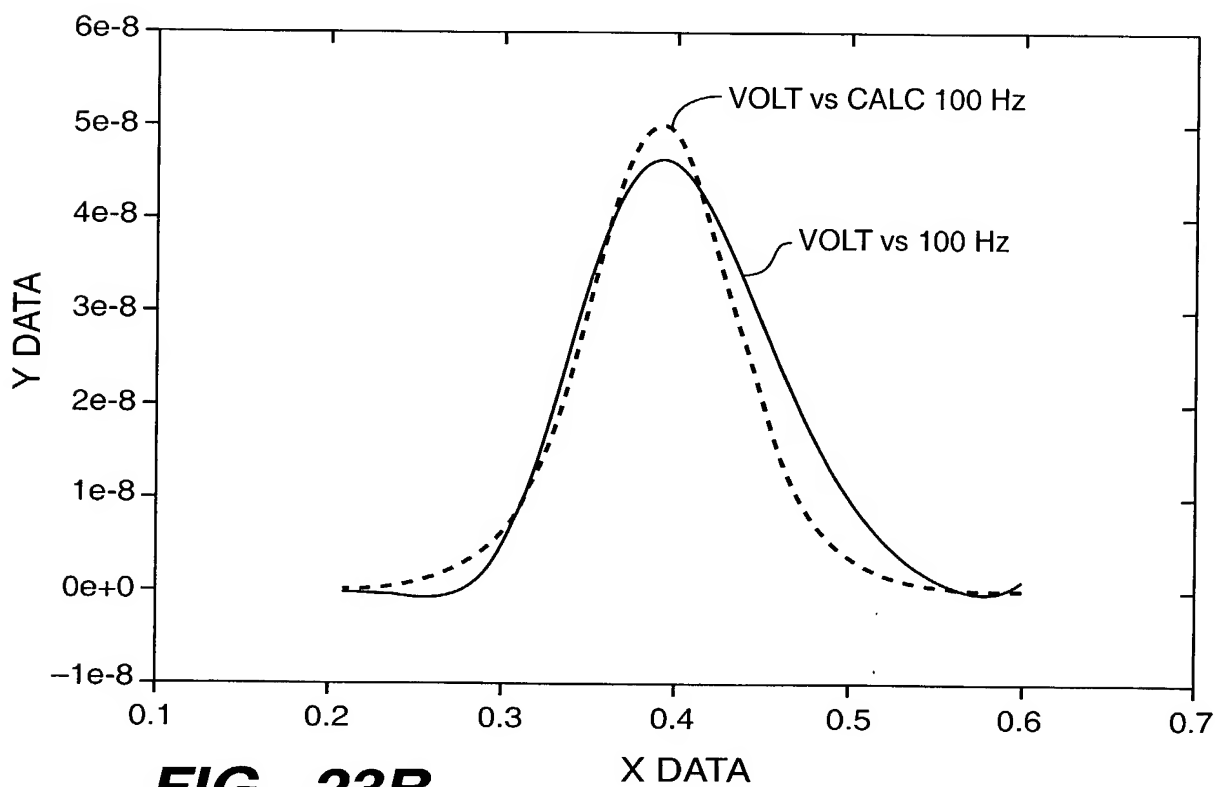


FIG._23B

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